

FIG. 1

$$\begin{array}{c}
 \text{200} \curvearrowright \\
 \text{SLOT} = \left[\begin{array}{c} Z_1 \\ Z_2 \\ \tilde{Z}_3 \\ \tilde{Z}_4 \end{array} \right] \left[\begin{array}{c} Z_5 \cdots Z_{4n-3} \\ Z_6 \cdots Z_{4n-2} \\ \tilde{Z}_7 \cdots \tilde{Z}_{4n-1} \\ \tilde{Z}_8 \cdots \tilde{Z}_{4n-2} \end{array} \right] \left[\begin{array}{c} \text{PILOTS} \\ \text{PILOTS} \\ \text{PILOTS} \\ \text{PILOTS} \end{array} \right] \left[\begin{array}{c} Z_{4n-2} \cdots Z_6^* \\ -Z_{4n-3}^* \cdots -Z_5^* \\ -\tilde{Z}_{4n}^* \cdots -\tilde{Z}_8^* \\ \tilde{Z}_{4n-1}^* \cdots \tilde{Z}_7^* \end{array} \right] \left[\begin{array}{c} Z_2^* \\ -Z_1^* \\ -\tilde{Z}_4^* \\ \tilde{Z}_3^* \end{array} \right] + \\
 \text{250} \curvearrowright
 \end{array}$$

\uparrow
210

\uparrow
220

\uparrow
240

\uparrow
230

FIG. 2

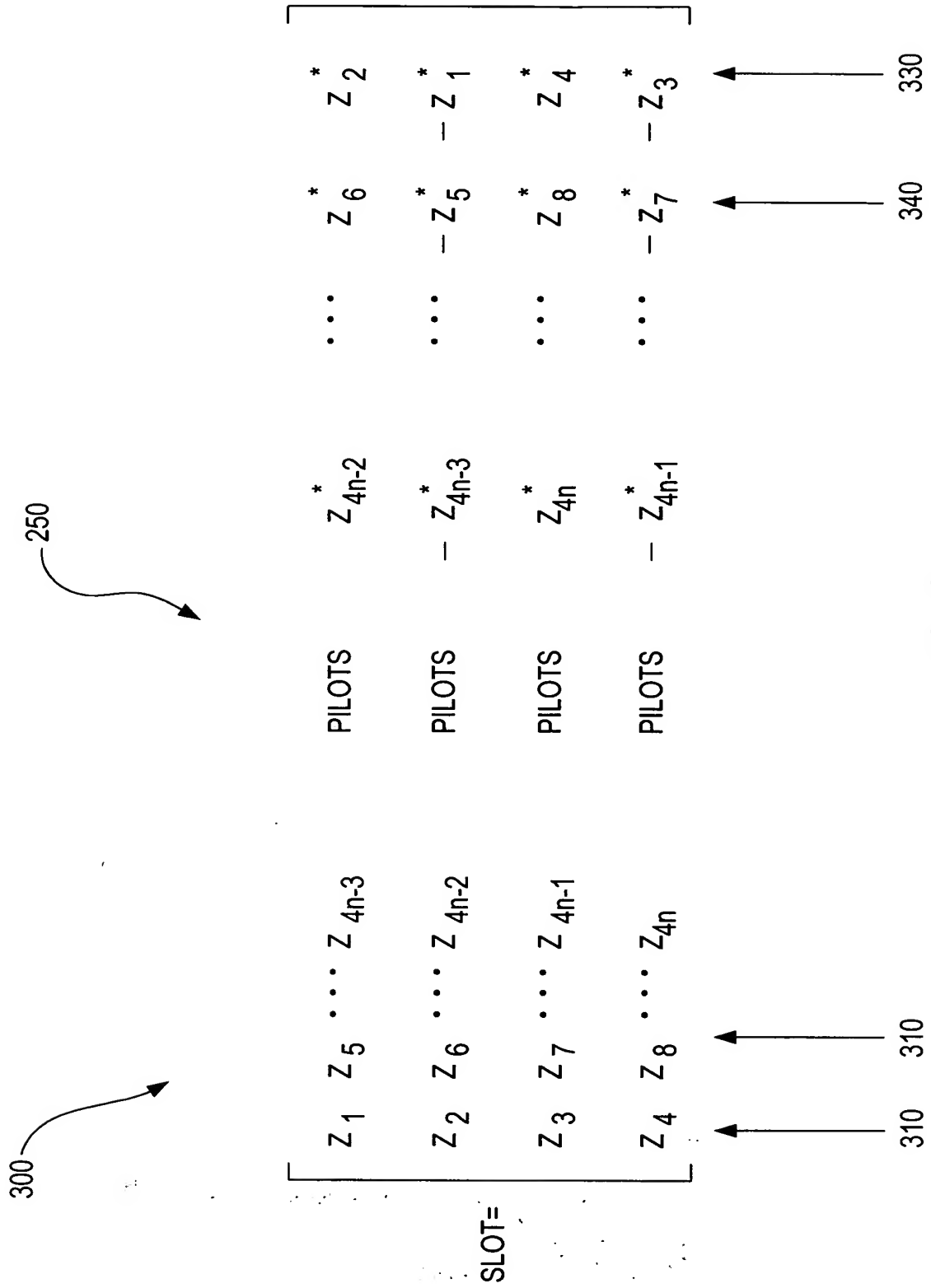


FIG. 3

400

$$\begin{array}{c}
 \text{SLOT=} \\
 \left[\begin{array}{c}
 Z_1 \quad Z_7 \quad \dots \quad Z_{6n-5} \\
 Z_2 \quad Z_8 \quad \dots \quad Z_{6n-4} \\
 Z_3 \quad Z_9 \quad \dots \quad Z_{6n-3} \\
 Z_4 \quad Z_{10} \quad \dots \quad Z_{6n-2} \\
 Z_5 \quad Z_{11} \quad \dots \quad Z_{6n-1} \\
 Z_6 \quad Z_{12} \quad \dots \quad Z_{6n}
 \end{array} \right]
 \end{array}$$

PILOTS	Z_{6n-4}^*	\dots	Z_8^*	Z_2^*
PILOTS	$-Z_{6n-5}^*$	\dots	$-Z_7^*$	$-Z_1^*$
PILOTS	Z_{6n-2}^*	\dots	Z_{10}^*	Z_4^*
PILOTS	$-Z_{6n-3}^*$	\dots	$-Z_9^*$	$-Z_3^*$
PILOTS	Z_{6n}^*	\dots	Z_{12}^*	Z_6^*
PILOTS	$-Z_{6n-1}^*$	\dots	$-Z_{11}^*$	$-Z_5^*$

FIG.4

500

$$\text{SLOT} = \begin{bmatrix} Z_1 & Z_5 & \dots & Z_{4n-3} & Z_3 & Z_7 & \dots & Z_{4n-1} & \text{PILOTS} & -Z_{4n-2}^* & \dots & -Z_6^* & -Z_2^* & \dots & -Z_{4n}^* & -Z_8^* & -Z_4^* \\ Z_2 & Z_6 & \dots & Z_{4n-2} & Z_4 & Z_8 & \dots & Z_{4n} & \text{PILOTS} & Z_{4n-3}^* & \dots & Z_5^* & Z_1^* & \dots & Z_{4n-1}^* & Z_7^* & Z_3^* \\ Z_3 & Z_7 & \dots & Z_{4n-1} & Z_1 & Z_5 & \dots & Z_{4n-3} & \text{PILOTS} & -Z_{4n}^* & \dots & -Z_8^* & -Z_4^* & \dots & -Z_{4n-2}^* & -Z_6^* & -Z_2^* \\ Z_4 & Z_8 & \dots & Z_{4n} & Z_2 & Z_6 & \dots & Z_{4n-2} & \text{PILOTS} & Z_{4n-1}^* & \dots & Z_7^* & Z_3^* & \dots & Z_{4n-4}^* & Z_5^* & Z_1^* \end{bmatrix}$$

FIG. 5